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## (54) PROCESS FOR STEREROSELECTIVE GLYCOSYLATION

## (57)Abstract:

PURPOSE: To obtain an  $\alpha$ - or  $\beta$ -glycoside by reacting a hexopyranose 1-carbonic acid ester derivative in a state of solution with a hydroxy compound, thereby stereoselectively glycosylating the derivative under mild condition.

CONSTITUTION: A hexopyranose 1-carbonic acid ester derivative dissolved in ethyl ether, etc., is made to react with a hydroxy compound (preferably a sugar derivative) in the presence of an acid catalyst preferably at  $-20$  to  $-40^{\circ}$  C to effect the objective glycosylation reaction. The process can selectively produce a  $\beta$ -glycoside at a reaction temperature of  $\leq 0^{\circ}$  C and an  $\alpha$ -glycoside at a reaction temperature of  $\geq 0^{\circ}$  C.

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